



cc: Paul
Task# 1767

United States Gypsum Company

550 West Adams Street
Chicago, IL 60661-3676
312 436-4000
Fax: 312 672-4093

Founded in 1902

March 27, 2007

Beth Eriksen
State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

please file

RE: Letter of transmittal for REVISED San Rafael-Kimball Draw S/015/075
reclamation surety

Dear Ms. Eriksen:

The enclosed documents and maps are revisions to the San Rafael-Kimball Draw reclamation surety, as directed by your letter dated January 25, 2007, and per Mr. Haddock's letter dated March 13, 2007.

The revisions are listed on the enclosed Form MR-REV-att.doc. Attached to the Application for Mineral Mine Plan Revision form are the revised maps and documents with changes recommended by the Division. These changes include appropriate executive signatures and correcting the quarry locations on the maps and in other parts of the forms.

Please notify me if additional changes are needed.

Thank you for your help and concern in this matter.

Respectfully,

Joseph E. Crawford
Manager, USG Geological Services
312-436-5707

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MAR 28 2007

DIV. OF OIL, GAS & MINING

Form MR-REV-att (DOGM – Revise/Amend Change Form)
(Revised September 14, 2005)

Application for Mineral Mine Plan Revision or Amendment

Operator: <i>United States Gypsum Company</i>			
Mine Name: <i>San Rafael - Kimball Draw</i>		File Number: <i>M/ 015 1075</i>	
Provide a detailed listing of all changes to the mining and reclamation plan that will be required as a result of this change. Individually list all maps and drawings that are to be added, replaced, or removed from the plan. Include changes of the table of contents, section of the plan, pages, or other information as needed to specifically locate, identify and revise or amend the existing Mining and Reclamation Plan. Include page, section and drawing numbers as part of the description.			
DETAILED SCHEDULE OF CHANGES TO THE MINING AND RECLAMATION PLAN			
			DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input checked="" type="checkbox"/> REMOVE	<i>1999 NOI MR-SMD</i>
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	<i>2006 Entire revised MR-SMD per instruction of Beth Frikken (VDOGM)</i>
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	
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<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments and obligations, herein.

JOE CRAWFORD
Print Name

Joe E. Crawford, Mgr Geological Services
Sign Name, Position

12/5/2006
Date

Return to:

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
Phone: (801) 538-5291 Fax: (801) 359-3940

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FOR DOGM USE ONLY:	
File #: <i>M/</i>	<i>1</i>
Approved: _____	
Bond Adjustment: from (\$) _____	
to \$ _____	

Instructions – Amend or Revise Mining Plan

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Page 3 of 3

DEC 07 2006

DIV. OF OIL, GAS & MINING

Form MR-REV-att (DOGM - Revise/Amend Change Form)
(Revised September 14, 2005)

Application for Mineral Mine Plan Revision or Amendment

Operator: <u>UNITED STATES Gypsum Company</u>			
Mine Name: <u>San Rafael - Kimball Draw</u>		File Number: <u>M/015 1075</u>	
Provide a detailed listing of all changes to the mining and reclamation plan that will be required as a result of this change. Individually list all maps and drawings that are to be added, replaced, or removed from the plan. Include changes of the table of contents, section of the plan, pages, or other information as needed to specifically locate, identify and revise or amend the existing Mining and Reclamation Plan. Include page, section and drawing numbers as part of the description.			
DETAILED SCHEDULE OF CHANGES TO THE MINING AND RECLAMATION PLAN			
			DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	<u>p. 2 Form MR-SMO with enclosed p. 2 Form MR-SMO</u>
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	<u>p. 4 Form MR-SMO with enclosed p. 4 Form MR-SMO</u>
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	<u>p. 7 Form MR-SMO with enclosed p. 7 Form MR-SMO</u>
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	<u>Amendment Attachment 1 map with enclosed revised map</u>
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	<u>Amendment Attachment 2. with revised Attach. 2.</u>
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	<u>p. 5 Form MR-RC(SMO) with enclosed p. 5 MR-RC(SMO)</u>
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	<u>Map after Fact Sheet with new enclosed map</u>
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	
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I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments and obligations, herein.

JOE E. CRAWFORD

Print Name

Joe E. Crawford, Manager, Geological Services

Sign Name, Position

Date

3/22/07

Return to:

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
Phone: (801) 538-5291 Fax: (801) 359-3940

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FOR DOGM USE ONLY:

File #: M/ 1

Approved: _____

Bond Adjustment: from (\$) _____
to \$ _____

3. **Entities Representative (if different from #2)**

Name: _____
Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

4. **If Partnership or Sole Proprietor:**

Name of 1st partner / Sole Proprietor:

Name _____
Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

If Partnership:

Name of 2nd Partner:

Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

If Corporation:

Name of Officers:	<u>James S. Metcalf</u>	Title: <u>President & COO</u>
	<u>Dominic A. Dannessa</u>	Title: <u>Vice President</u>
	<u>Karen L. Leets</u>	Title: <u>Vice President & Treasurer</u>
	_____	Title: _____

If Limited Liability Company: Member Managed ☐ Manager Managed ☐

Name of 1st Member/Manager: _____
Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

Name of 2nd Member/Manager: _____
Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

Name of 3rd Member/Manager: _____
Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

SUPERCEDED

II. **PROJECT LOCATION & MAP** (Rule R647-3-105)

1. **Project Location** (legal description):

County(ies): Emery

SW? SE 1/4, of SE 1/4, of NW 1/4: Section: 22 Township: 23S Range: 8E
1/4, of _____ 1/4, of _____ 1/4: Section: _____ Township: _____ Range: _____
1/4, of _____ 1/4, of _____ 1/4: Section: _____ Township: _____ Range: _____

UTM East 497813 (if known) UTM North 4294195 (If known)

Name of Quad Map for Location: USGS Big Bend Draw 1:24000

2. An accurate topographic base map showing the location of the proposed small mining operation must be submitted with this notice. The areas to be disturbed including access roads, must be plotted in sufficient detail so that they can be located on the ground. It is recommended that the Permittee / Operator also photo document, plot and label any pre-existing disturbances in the immediate vicinity that he is not responsible for.
3. The proposed (5 acre or less) disturbed area boundary (including access/haul roads) **should** be marked in the field ON THE GROUND with metal T-Posts (or with some other marker of equal effectiveness). Markers should be appropriately spaced so that the next marker in either direction is clearly visible with the naked eye.

III. **OPERATION PLAN** (Rule R647-3-106)

1. **Type of mining:** Surface ☒ Underground ☐
2. **Mineral(s) to be mined:** Gypsum
3. **Amount of material to be extracted, moved or proposed to be moved:** approx 3,200 cu yds soils and rock for reclamation recontouring
4. **Will any water, liquid chemicals, reagents, or other solutions be used, produced or discharged as part of the mining or milling process?**
Yes ☐ No ☒ If yes, please describe (add extra pages if needed)

5. **Provide a brief description of the proposed mining operation and onsite processing facilities** (add extra pages if necessary). _____
This quarry is being closed and reclaimed; attached is
a brief description of the operations.

6. ☐ **New Road(s):** Length _____ (ft) Width _____ (ft)
7. ☐ **Improved Road(s):** Length _____ (ft) Width _____ (ft)

SUPERCEDED

Small Mine Notices require a \$150.00 fee which must accompany this application or it cannot be processed by the Division.

NOTICE: The following person(s) are authorized and designated to receive Notices of Violations, Cessation Orders and all other Notices required by the Division to be given to the permittee or operator:

Name: Bruce Allen (Plant Manager)
Address: 81 North State Street
City, State, Zip: Sigurd, UT 84657
Phone: 435-896-2400 Fax: 435-896-2407
E-mail Address: ballen@usg.com

Name: Clint Hattaway (Quarry Manager)
Address: 81 North State Street
City, State, Zip: Sigurd, UT 84657
Phone: 435-896-2400 Fax: 435-896-2407
E-mail Address: chattaway@usg.com

VIII. SIGNATURE REQUIREMENT

(Please check the box and place your initials on the line provided)

- ☐ I have enclosed the required permit fee.
- ☐ I have enclosed a complete Reclamation Contract (Form MR-RC) and the appropriate reclamation surety amount or have made arrangements as to when the surety will be furnished.
- ☐ I understand that I am not authorized to create any surface disturbance until the surety amount is posted and approved in writing from the Division of Oil, Gas and Mining and any other authorized regulatory agency.

CERTIFICATION

I state under penalty of perjury under the laws of the state of Utah and the United States of America that:

- I have read this form and declare the information, statements and/or documentation are true, correct and complete to the best of my knowledge and belief; AND
- I commit to the reclamation of the aforementioned small mining project as required by the Utah Mined Land Reclamation Act (40-8) and the rules as specified by the Board of Oil, Gas and Mining.
- This certification must be executed by an executive officer if the applicant is a corporation; by a partner if applicant is a partnership (general or limited); owner if applicant is a sole proprietorship; member or manager if applicant is a limited liability company.**

Signature: [Signature] Date: 12/5/05

Name (typed or printed): D. A. DANNESSA

Title/Position (if applicable): Executive Vice President, Manufacturing

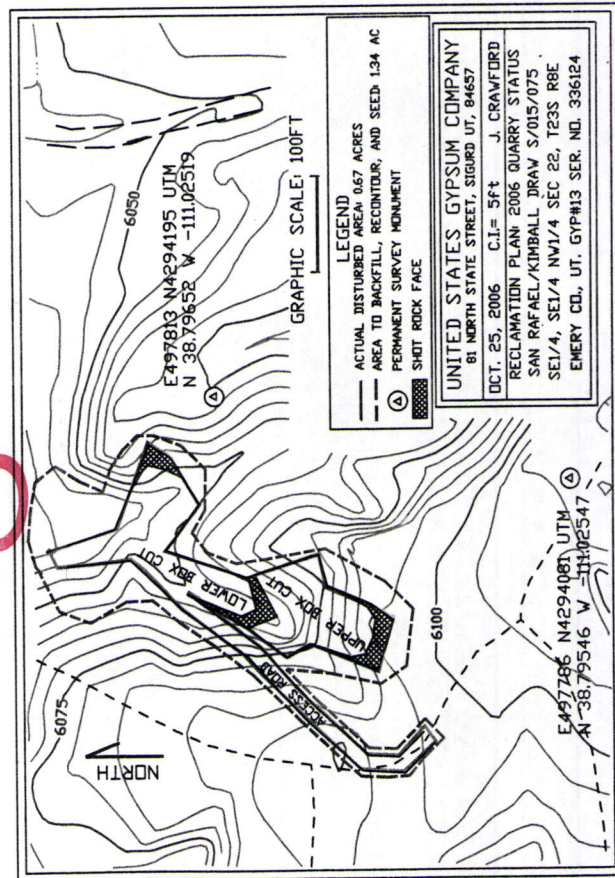
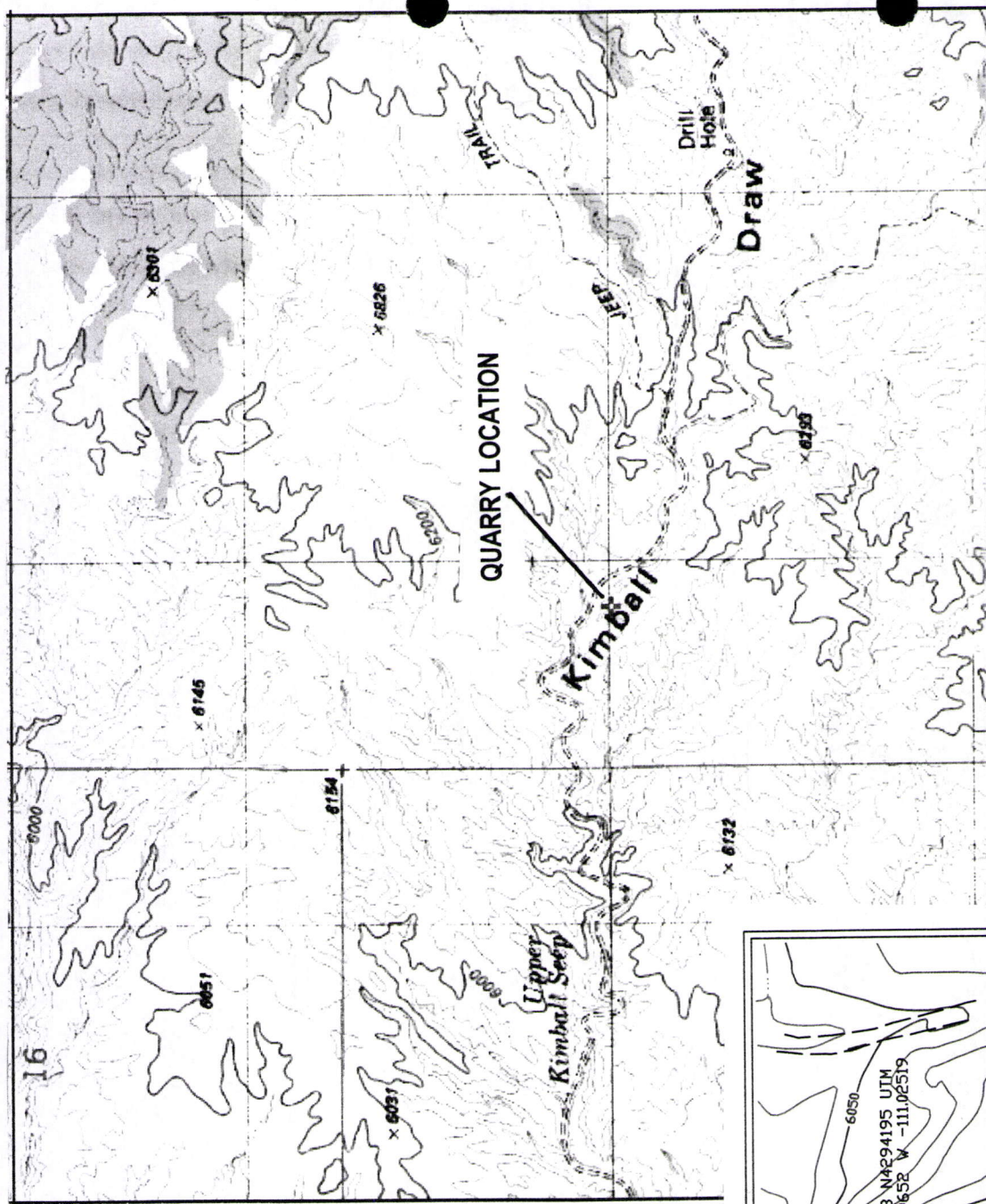
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USG SOUTH KIMBALL DRAW QUARRY S015/075

LOCATION AND DETAIL MAPS

November 29, 2006

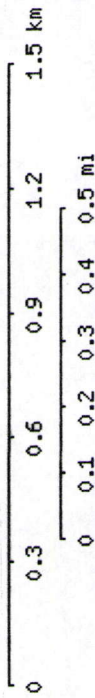
SUPERCEDED



LEGEND

- ACTUAL DISTURBED AREA 0.67 ACRES
- - - AREA TO BACKFILL, RECONSTRUCT, AND SEED 1.34 AC
- Ⓐ PERMANENT SURVEY MONUMENT
- SHOT ROCK FACE

UNITED STATES GYPSUM COMPANY
 81 NORTH STATE STREET, SIOUX FALLS, SD 57105
 DCT. 25, 2006 C.I. = 5ft J. CRAWFORD
 RECLAMATION PLAN 2006 QUARRY STATUS
 SAN RAFAEL/KIMBALL DRAW S/015/075
 SE1/4, SE1/4 NW1/4 SEC 22, T23S R8E
 EMERY CO., UT. GYP#13 SER. NO. 336124



38.7965°N, 111.0252°W (NAD83/WGS84)
USGS Big Bend Draw (UT) Quadrangle
 Projection is UTM Zone 12 NAD83 Datum

Amendment Attachment 2.

Part III. OPERATION PLAN (Rule 647-3-106)

5. Provide a brief description of the proposed mining operation and onsite processing facilities.

The mining of gypsum for test purposes at the San Rafael-Kimball Draw quarry S/015/075 was conducted by USG in 1999 under an approved Division of Oil, Gas and Mining Notice of Intention to Commence Small Mining Operations (NOI). The NOI was received by the Division in May 1999.

This description amends the 1999 NOI, and describes only a proposed reclamation plan of operation because the mining operation has ceased. USG does not intend to pursue future mine development in the Kimball Draw area.

A very small amount of gypsum was removed from the site--probably no more than a few hundred tons—and resulted in development of a small quarry consisting of two narrow box-cuts and a turn-around area. The current disturbance is shown in the below photos and in the map in **Amendment Attachment 1**. The area of the disturbance is 0.67 acre as determined by GPS surveying methods. The site was photographed (as below) and mapped by USG in October 2006. No solid waste materials were noted on-site.

An on-site inspection of the small quarry was conducted by specialist Paul Baker of the Division in 2003. In a letter to USG dated March 10, 2003, he provided recommendations on how to proceed with the reclamation. His recommendations included pulling material out of a small drainage and placing it in the access road to prevent access by ORV's. He also recommended that USG backfill two small exploration trenches immediately to the south of the USG quarry, located at the top of the hill. These trenches predate USG's operations. USG will comply with Mr. Baker's recommendations.

USG will comply with all requirements, as listed in **NOI Part IV, OPERATION AND RECLAMATION PRACTICES**.

The quarry faces will be backfilled with loose materials from a site near the access point to the quarry. This material consists of soils and poorly-sorted gypsiferous gravel and clay alluvium associated with the drainage of Kimball Draw. All disturbed areas, including pits, access roads, quarry faces and benches, will be graded to blend with the surrounding topography. Natural drainage patterns will be restored and channels reconstructed to facilitate normal runoff and prevent gully formation. All slopes in the disturbed area will be contoured to 3:1 (horizontal:vertical) or less. The equipment used during reclamation will consist of a bulldozer (with ripper attachment) and a tracked excavator.

Seed bed preparation will consist of moderate ripping or disking soils along contours to roughen up the surface for better seed emplacement. The following seed mixture will be used for revegetation, unless modified by the Division:

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Common Name	Scientific Name	Pounds per acre
Galleta grass	<i>Hilaria jamesii</i>	2
Indian ricegrass	<i>Oryzopsis hymenoides</i>	4
Needle-and-thread grass	<i>Stipa comata</i>	2
Prostrate kochia	<i>Kochia prostrata</i>	3
Shadscale	<i>Atriplex confertifolia</i>	2
Green Mormon tea	<i>Ephedra viridis</i>	3
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	2



Upper box cut quarry face, October 2006. View toward southwest



General southerly view of the quarry, October 2006. Quarry face at top of photo is enlarged in above photo with George Mynar

SUPERCEDED



General view of quarry and access road, looking north; note box cut to left and turn-around to right—note backpack on left for scale

SUPERCEDED